DOCUMENT RESUME

ED 457 008 SE 065 165

AUTHOR	Halversen, Catherine; Strang, Craig
TITLE	Only One Ocean: Marine Science Activities for Grades 5-8. Teacher's Guide.
INSTITUTION	California Univ., Berkeley. Lawrence Hall of Science.
ISBN	ISBN-0-924886-22-6
PUB DATE	2001-00-00
NOTE	190p.; Written with Kimi Hosoume. Publication made possible by a grant from the Employees Community Fund of Boeing California and the Boeing Corporation (originally the McDonnell-Douglas Foundation and Employee's Community Fund).
AVAILABLE FROM	University of California, GEMS, Lawrence Hall of Science #5200, Berkeley, CA 94720-5200 ($16). Tel: 510-642-7771; Web site: http://www.lhs.berkeley.edu/GEMS.
PUB TYPE	Guides - Classroom - Teacher (052)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	Conservation (Environment); Critical Thinking; Freehand Drawing; Intermediate Grades; Junior High Schools; Marine Education; Models; *Oceanography; Perception; *Science Activities; Science Curriculum; Science Instruction
IDENTIFIERS	Oceans

ABSTRACT

This guide was designed by the Marine Activities, Resources & Education (MARE) Program through the Great Explorations in Math and Science (GEMS) ongoing curriculum development program for middle school students. This GEMS guide addresses the concepts of the interconnectedness of the ocean basins, respect for organisms, oceanography, physical geography, upwelling zones, ocean resources, adaptation form and function, over-fishing, alternative perspectives, and consumer and environmental awareness. Activity units include: (1) "Apples and Oceans"; (2) "Squids--Outside and Inside"; and (3) "What's the Catch?" Eleven classroom sessions are also included. (YDS)

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